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CLAIMS

Claims are renumbered 6-10. Claim 6 is the independent claim, and claims 7-9 are the dependent claims

6. An *orotracheal* suction system comprising of an *orotracheal* suction catheter, extension tubing, and a reservoir which can be used for suctioning of the oropharynx, trachea and distal bronchi; the system can be used with all components or the catheter and extension tubing can be used with standard suction canisters currently available; the first component is an *orotracheal* suction catheter which can be made of any plastic, synthetic polymer or other suitable material; the said catheter can measure 5Fr to 20Fr for adult sizes and 0.5 Fr to 5Fr for pediatric patients; a proximal balloon port which would hook up to a 10 cc syringe would be on each suction catheter and could inflate a distal balloon on the catheter; the balloon can be 5 mm or other suitable lengths from the end of the catheter

7. An *orotracheal* suction system according to claim 6, wherein the extension tubing, as claimed in 6, should measure 3 ft-5ft; the extension tubing is attached via a cylindrical or conically tapered connector to the said *orotracheal* suction catheters; the tubing may be made of any plastic, polymer or other suitable material; different size adapters would accompany each suction catheter size; one side of the adapter would always provide a seal to the extension tubing and the other side to the different size said *orotracheal* suction catheters.

8. An *orotracheal* suction system according to claim 6, wherein the reservoir, measuring 2000 cubic centimeters, approximately 20cm by 10 cm by 10 cm, which on one end is attached to wall suction with standard sump tubing, and the other end is attached to standardized extension tubing which measures 15French in diameter; the reservoir components may be made of any plastic or synthetic polymer; the top of the surface of the reservoir, there is a 2 cm diameter cylindrical or conically tapered entry port which is centered from the edge; the exit is protected by a grid which measures 2 m by 2 mm over the opening which prevents obstruction of the vacuum by large particles; the reservoir would also have a 5 cm diameter removable disc to empty particle contents on the entry side to evacuate fluid from the entire reservoir, and for cleaning; on the bottom surface exists an entry port which is a cylindrical or conically tapered connector that accepts the extension tubing via an adaptor that keeps entry to the reservoir a large diameter and is centered from the edge of that side.